Manuel M GraÃ±a Romay

List of Publications by Year
in descending order

340 papers	4,894 citations	136950 32 h-index	138484 58 g-index
359 all docs	359 docs citations	359 times ranked	5599 citing authors

#	Article	IF	Citations
1	Automated Annotation of Lane Markings Using LIDAR and Odometry. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3115-3125.	8.0	5
2	Risk factors for prediction of delirium at hospital admittance. Expert Systems, 2022, 39, e12698.	4.5	5
3	Above-ground biomass estimation from LiDAR data using random forest algorithms. Journal of Computational Science, 2022, 58, 101517.	2.9	38
4	Photometric Stereo-Based Defect Detection System for Steel Components Manufacturing Using a Deep Segmentation Network. Sensors, 2022, 22, 882.	3.8	7
5	Actor-critic continuous state reinforcement learning for wind-turbine control robust optimization. Information Sciences, 2022, 591, 365-380.	6.9	13
6	Survival of Frail Elderly with Delirium. International Journal of Environmental Research and Public Health, 2022, 19, 2247.	2.6	3
7	Hybrid Modeling of Deformable Linear Objects for Their Cooperative Transportation by Teams of Quadrotors. Applied Sciences (Switzerland), 2022, 12, 5253.	2.5	3
8	ADITU: A mesh-free formulation for the solution of Helmholtz equation in bounded and unbounded domains. SoftwareX, 2022, 19, 101111.	2.6	1
9	Deep transfer learning-based gaze tracking for behavioral activity recognition. Neurocomputing, 2022, 500, 518-527.	5.9	7
10	Impact of Machine Learning Pipeline Choices in Autism Prediction From Functional Connectivity Data. International Journal of Neural Systems, 2021, 31, 2150009.	5.2	26
11	Combining Geostatistics and Remote Sensing Data to Improve Spatiotemporal Analysis of Precipitation. Sensors, 2021, 21, 3132.	3.8	8
12	Non-Intrusive Assessment of COVID-19 Lockdown Follow-Up and Impact Using Credit Card Information: Case Study in Chile. International Journal of Environmental Research and Public Health, 2021, 18, 5507.	2.6	2
13	Active learning for road lane landmark inventory with V-ELM in highly uncontrolled image capture conditions. Neurocomputing, 2021, 438, 259-269.	5.9	5
14	A Hybrid Control Approach for the Swing Free Transportation of a Double Pendulum with a Quadrotor. Applied Sciences (Switzerland), 2021, 11, 5487.	2.5	11
15	Machine Learning Models for Predicting Facial Nerve Palsy in Parotid Gland Surgery for Benign Tumors. Journal of Surgical Research, 2021, 262, 57-64.	1.6	9
16	Generative Adversarial Networks to Improve the Robustness of Visual Defect Segmentation by Semantic Networks in Manufacturing Components. Applied Sciences (Switzerland), 2021, 11, 6368.	2.5	12
17	Depth Data Denoising in Optical Laser Based Sensors for Metal Sheet Flatness Measurement: A Deep Learning Approach. Sensors, 2021, 21, 7024.	3.8	2
18	Expansion of an Evidence-Based Workshop for Teaching of Artificial Intelligence in Schools. Advances in Intelligent Systems and Computing, 2021, , 331-337.	0.6	0

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19	COLAEVA: Visual Analytics and Data Mining Web-Based Tool for Virtual Coaching of Older Adult Populations. Sensors, 2021, 21, 7991.	3.8	0
20	Balanced training of a hybrid ensemble method for imbalanced datasets: a case of emergency department readmission prediction. Neural Computing and Applications, 2020, 32, 5735-5744.	5.6	15
21	Neural Model of a Specific Single Proton Exchange Membrane PEM Fuel Cell. Advances in Intelligent Systems and Computing, 2020, , 321-329.	0.6	0
22	Modelling hospital readmissions under frailty conditions for healthy aging. Expert Systems, 2020, 37, e12437.	4.5	6
23	Optical Dual Laser Based Sensor Denoising for OnlineMetal Sheet Flatness Measurement Using Hermite Interpolation. Sensors, 2020, 20, 5441.	3.8	3
24	Methodologically grounded semantic analysis of large volume of chilean medical literature data applied to the analysis of medical research funding efficiency in Chile. Journal of Biomedical Semantics, 2020, 11, 12.	1.6	2
25	Behavioral Activity Recognition Based on Gaze Ethograms. International Journal of Neural Systems, 2020, 30, 2050025.	5.2	10
26	Improved Activity Recognition Combining Inertial Motion Sensors and Electroencephalogram Signals. International Journal of Neural Systems, 2020, 30, 2050053.	5.2	11
27	An Imaging and Blood Biomarkers Open Dataset on Alzheimer's Disease vs. Late Onset Bipolar Disorder. Frontiers in Aging Neuroscience, 2020, 12, 583212.	3.4	0
28	Safe and optimal navigation for autonomous multi-rotor aerial vehicle in a dynamic known environment by a decomposition-coordination method. Cognitive Systems Research, 2020, 63, 42-54.	2.7	5
29	Artificial intelligence within the interplay between natural and artificial computation: Advances in data science, trends and applications. Neurocomputing, 2020, 410, 237-270.	5.9	121
30	Computational Intelligence in Remote Sensing: An Editorial. Sensors, 2020, 20, 633.	3.8	2
31	Lattice Auto-Associative Memories Induced Multivariate Morphology for Hyperspectral Image Spectral-Spatial Classification. Advances in Intelligent Systems and Computing, 2020, , 316-325.	0.6	0
32	Editorial: A Magnificent Journal at the Crossroads. International Journal of Neural Systems, 2020, 30, 2003002.	5.2	0
33	Experience Based Clinical Decision Support Systems: An Overview and Case Studies. Intelligent Systems Reference Library, 2020, , 151-188.	1.2	1
34	Exploratory Analysis of Radiomics Features on a Head and Neck Cancer Public Dataset. Lecture Notes in Computer Science, 2020, , 718-728.	1.3	0
35	Setting up standards: A methodological proposal for pediatric Triage machine learning model construction based on clinical outcomes. Expert Systems With Applications, 2019, 138, 112788.	7.6	6
36	Prediction of Aboveground Biomass from Low-Density LiDAR Data: Validation over P. radiata Data from a Region North of Spain. Forests, 2019, 10, 819.	2.1	10

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37	Radiomics and Texture Analysis in Laryngeal Cancer. Looking for New Frontiers in Precision Medicine through Imaging Analysis. Cancers, 2019, 11, 1409.	3.7	18
38	Editorial: Special issue CISIS 2016. Logic Journal of the IGPL, 2019, 27, 135-136.	1.5	0
39	Fusion of Inertial Motion Sensors and Electroencephalogram for Activity Detection. Lecture Notes in Computer Science, 2019, , 319-326.	1.3	2
40	A Short Review of Some Aspects of Computational Neuroethology. Lecture Notes in Computer Science, 2019, , 275-283.	1.3	3
41	Deep Learning Prediction of Gait Based on Inertial Measurements. Lecture Notes in Computer Science, 2019, , 284-290.	1.3	3
42	Neural and statistical predictors for time to readmission in emergency departments: A case study. Neurocomputing, 2019, 354, 3-9.	5.9	8
43	Machine Learning Readmission Risk Modeling: A Pediatric Case Study. BioMed Research International, 2019, 2019, 1-9.	1.9	22
44	Estimation of forest biomass from light detection and ranging data by using machine learning. Expert Systems, 2019, 36, e12399.	4.5	4
45	Robust labeling of human motion markers in the presence of occlusions. Neurocomputing, 2019, 353, 96-105.	5.9	9
46	Indoor Crowd 3D Localization in Big Buildings from Wi-Fi Access Anonymous Data. Sensors, 2019, 19, 4211.	3.8	4
47	Gentle Introduction to Artificial Intelligence for High-School Students Using Scratch. IEEE Access, 2019, 7, 179027-179036.	4.2	78
48	A Panoramic Survey on Grasping Research Trends and Topics. Cybernetics and Systems, 2019, 50, 40-57.	2.5	20
49	Semantically enhanced network analysis for influencer identification in online social networks. Neurocomputing, 2019, 326-327, 71-81.	5.9	38
50	Triage prediction in pediatric patients with respiratory problems. Neurocomputing, 2019, 326-327, 161-167.	5.9	4
51	Dynamic Causal Modeling and machine learning for effective connectivity in Auditory Hallucination. Neurocomputing, 2019, 326-327, 61-68.	5.9	4
52	Recognizing Cognitive Activities Through Eye Tracking. Lecture Notes in Computer Science, 2019, , 291-300.	1.3	2
53	Road Lane Landmark Extraction: A State-of-the-art Review. Lecture Notes in Computer Science, 2019, , 625-635.	1.3	1
54	Testing Modified Confusion Entropy as Split Criterion for Decision Trees. Lecture Notes in Computer Science, 2019, , 3-13.	1.3	0

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55	BIOTHINGS: A Pipeline Creation Tool for PAR-CLIP Sequence Analsys. Lecture Notes in Computer Science, 2019, , 327-336.	1.3	0
56	Experiments of conditioned reinforcement learning in continuous space control tasks. Neurocomputing, 2018, 271, 38-47.	5.9	17
57	Making physical proofs of concept of reinforcement learning control in single robot hose transport task complete. Neurocomputing, 2018, 271, 95-103.	5.9	3
58	Editorial: Special issue SOCO 2016. Logic Journal of the IGPL, 2018, 26, 567-568.	1.5	0
59	A Short Review of Recent ELM Applications. Communications in Computer and Information Science, 2018, , 3-12.	0.5	0
60	Predictive models for hospital readmission risk: A systematic review of methods. Computer Methods and Programs in Biomedicine, 2018, 164, 49-64.	4.7	125
61	A View of the State of the Art ofÂDialogue Systems. Lecture Notes in Computer Science, 2018, , 706-715.	1.3	2
62	Electrical Behavior Modeling of Solar Panels Using Extreme Learning Machines. Lecture Notes in Computer Science, 2018, , 730-740.	1.3	1
63	A 2D/3D Convolutional Neural Network forÂBrain White Matter Lesion Detection inÂMultimodal MRI. Advances in Intelligent Systems and Computing, 2018, , 377-385.	0.6	2
64	Automated Segmentation of Visceral Adiposity in MRI in Obese Children. Advances in Intelligent Systems and Computing, 2018, , 386-392.	0.6	0
65	An Ensemble of Weak Classifiers for Pattern Recognition in Motion Capture Clouds of Points. Advances in Intelligent Systems and Computing, 2018, , 201-210.	0.6	0
66	Paired feature multilayer ensemble â€" concept and evaluation of a classifier. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1427-1436.	1.4	3
67	Resting State Effective Connectivity Allows Auditory Hallucination Discrimination. International Journal of Neural Systems, 2017, 27, 1750019.	5.2	21
68	Using Anticipative Hybrid Extreme Rotation Forest to predict emergency service readmission risk. Journal of Computational Science, 2017, 20, 154-161.	2.9	11
69	Predicting Patient Hospitalization after Emergency Readmission. Cybernetics and Systems, 2017, 48, 182-192.	2.5	7
70	Predicting 30-Day Emergency Readmission Risk. Advances in Intelligent Systems and Computing, 2017, , 3-12.	0.6	6
71	Real Prediction of Elder People Abnormal Situations at Home. Advances in Intelligent Systems and Computing, 2017, , 31-40.	0.6	0
72	White Matter Tract Integrity in Alzheimer's Disease vs. Late Onset Bipolar Disorder and Its Correlation with Systemic Inflammation and Oxidative Stress Biomarkers. Frontiers in Aging Neuroscience, 2017, 9, 179.	3.4	16

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73	Pypes: Workflows for Processing Multimodal Neuroimaging Data. Frontiers in Neuroinformatics, 2017, 11, 25.	2.5	8
74	Prevention of diabetes in overweight/obese children through a family based intervention program including supervised exercise (PREDIKID project): study protocol for a randomized controlled trial. Trials, 2017, 18, 372.	1.6	13
75	Improved Control of DLO Transportation by a Team of Quadrotors. Lecture Notes in Computer Science, 2017, , 117-126.	1.3	4
76	Erasmus Innovative European Studies. Advances in Intelligent Systems and Computing, 2017, , 758-765.	0.6	0
77	Predicting Trust in Wikipedia's Vote Network Using Social Networks measures. Lecture Notes in Computer Science, 2017, , 355-363.	1.3	0
78	Emergency Department Readmission Risk Prediction: A Case Study in Chile. Lecture Notes in Computer Science, 2017, , 11-20.	1.3	1
79	Finding Communities in Recommendation Systems by Multi-agent Spatial Dynamics. Lecture Notes in Computer Science, 2017, , 577-587.	1.3	0
80	Neuronal Electrical Behavior Modeling of Solar Panels. Lecture Notes in Computer Science, 2017, , 554-564.	1.3	0
81	Agent-Based Spatial Dynamics Explaining Sustained Opinion Survival. Lecture Notes in Computer Science, 2017, , 137-146.	1.3	0
82	Ongoing Work on Deep Learning for Lung Cancer Prediction. Lecture Notes in Computer Science, 2017, , 42-48.	1.3	4
83	Towards Hospitalization After Readmission Risk Prediction Using ELMs. Lecture Notes in Computer Science, 2017, , 384-393.	1.3	0
84	Eigenanatomy on Fractional Anisotropy Imaging Provides White Matter Anatomical Features Discriminating Between Alzheimer's Disease and Late Onset Bipolar Disorder. Current Alzheimer Research, 2016, 13, 557-565.	1.4	9
85	Online fuzzy modulated adaptive PD control for cooperative aerial transportation of deformable linear objects. Integrated Computer-Aided Engineering, 2016, 24, 41-55.	4.6	13
86	Variable speed wind turbine controller adaptation by reinforcement learning. Integrated Computer-Aided Engineering, 2016, 24, 27-39.	4.6	29
87	Experience-Based Electronic Health Records. Cybernetics and Systems, 2016, 47, 126-139.	2.5	0
88	A new heuristic for influence maximization in social networks. Logic Journal of the IGPL, 2016, 24, 996-1014.	1.5	3
89	Anticipative Hybrid Extreme Rotation Forest. Procedia Computer Science, 2016, 80, 1671-1681.	2.0	4
90	Intelligent Methods Applied to Health-Care Information Systems. Applied Artificial Intelligence, 2016, 30, 495-496.	3.2	3

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91	A Survey of Big Data Issues in Electronic Health Record Analysis. Applied Artificial Intelligence, 2016, 30, 497-520.	3.2	34
92	Hygehos Ontology for Electronic Health Records. Smart Innovation, Systems and Technologies, 2016, , 311-321.	0.6	1
93	Knowledge Modeling by ELM in RL for SRHT Problem. Lecture Notes in Computer Science, 2016, , 323-331.	1.3	0
94	Particle Swarm Optimization Quadrotor Control for Cooperative Aerial Transportation of Deformable Linear Objects. Cybernetics and Systems, 2016, 47, 4-16.	2.5	12
95	Innovations in healthcare and medicine editorial. Computers in Biology and Medicine, 2016, 72, 226-228.	7.0	2
96	Hyperspectral image nonlinear unmixing and reconstruction by ELM regression ensemble. Neurocomputing, 2016, 174, 299-309.	5.9	22
97	Brain MRI morphological patterns extraction tool based on Extreme Learning Machine and majority vote classification. Neurocomputing, 2016, 174, 344-351.	5.9	19
98	Integrating Electronic Health Records in Clinical Decision Support Systems. Smart Innovation, Systems and Technologies, 2016, , 407-416.	0.6	3
99	Image Understanding Applications of Lattice Autoassociative Memories. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1920-1932.	11.3	20
100	Standard and fenestrated endograft sizing in EVAR planning: Description and validation of a semi-automated 3D software. Computerized Medical Imaging and Graphics, 2016, 50, 9-23.	5.8	9
101	Automated Segmentation of Subcutaneous and Visceral Adipose Tissues from MRI. Smart Innovation, Systems and Technologies, 2016, , 427-433.	0.6	1
102	Random Forest Active Learning for Retinal Image Segmentation. Advances in Intelligent Systems and Computing, 2016, , 213-221.	0.6	4
103	An Ad-Hoc Image Segmentation of Subcutaneous and Visceral Adipose Tissue from Abdomino-Pelvic Magnetic Resonance Images. Smart Innovation, Systems and Technologies, 2016, , 417-425.	0.6	0
104	Late Onset Bipolar Disorder Versus Alzheimer Disease. Smart Innovation, Systems and Technologies, 2016, , 377-384.	0.6	0
105	Views on Electronic Health Record. Smart Innovation, Systems and Technologies, 2016, , 323-332.	0.6	0
106	Review of Automatic Segmentation Methods of White Matter Lesions on MRI Data. Smart Innovation, Systems and Technologies, 2016, , 301-309.	0.6	1
107	Special issue on innovations in medicine and healthcare. Biosystems Engineering, 2015, 138, 1-3.	4.3	0
108	Editorial: Special issue HAIS12-IGPL. Logic Journal of the IGPL, 2015, 23, 355-358.	1.5	0

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109	Discrimination between Alzheimer's Disease and Late Onset Bipolar Disorder Using Multivariate Analysis. Frontiers in Aging Neuroscience, 2015, 7, 231.	3.4	28
110	Learning Multirobot Hose Transportation and Deployment by Distributed Round-Robin Q-Learning. PLoS ONE, 2015, 10, e0127129.	2.5	15
111	Lynx: Automatic Elderly Behavior Prediction in Home Telecare. BioMed Research International, 2015, 2015, 1-18.	1.9	12
112	Risk Factors for Emergency Department Short Time Readmission in Stratified Population. BioMed Research International, 2015, 2015, 1-7.	1.9	15
113	A novel hyperspectral segmentation algorithm--concept and evaluation. Logic Journal of the IGPL, 2015, 23, 105-120.	1.5	3
114	Reinforcement Learning endowed with safe veto policies to learn the control of Linked-Multicomponent Robotic Systems. Information Sciences, 2015, 317, 25-47.	6.9	12
115	Local activity features for computer aided diagnosis of schizophrenia on resting-state fMRI. Neurocomputing, 2015, 164, 154-161.	5.9	24
116	Electronic Health Record: A review. , 2015, , .		12
117	Selected aspects of electronic health record analysis from the big data perspective. , 2015, , .		0
118	Impairment of functional integration of the default mode network correlates with cognitive outcome at three months after stroke. Human Brain Mapping, 2015, 36, 577-590.	3.6	66
119	Person detection in hyperspectral images via skin segmentation using an active learning approach. , 2015, , .		0
120	Reputation features for trust prediction in social networks. Neurocomputing, 2015, 166, 1-7.	5.9	24
121	An experiment of subconscious intelligent social computing on household appliances. Neurocomputing, 2015, 167, 32-43.	5.9	5
122	Extended Reflexive Ontologies for the Generation of Clinical Recommendations. Cybernetics and Systems, 2015, 46, 4-18.	2.5	4
123	Arm Orthosis/Prosthesis Movement Control Based on Surface EMG Signal Extraction. International Journal of Neural Systems, 2015, 25, 1550009.	5.2	16
124	Computer aided diagnosis of schizophrenia on resting state fMRI data by ensembles of ELM. Neural Networks, 2015, 68, 23-33.	5.9	74
125	Experiments of Trust Prediction in Social Networks by Artificial Neural Networks. Cybernetics and Systems, 2015, 46, 19-34.	2.5	15
126	Educational Innovation: Interaction and Relationship Inside A Sub-Module. Procedia, Social and Behavioral Sciences, 2015, 186, 395-400.	0.5	1

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127	Discrimination of Schizophrenia Auditory Hallucinators by Machine Learning of Resting-State Functional MRI. International Journal of Neural Systems, 2015, 25, 1550007.	5.2	61
128	A lattice computing approach to Alzheimer's disease computer assisted diagnosis based on MRI data. Neurocomputing, 2015, 150, 37-42.	5.9	54
129	Classification of schizophrenia patients on lattice computing resting-state fMRI features. Neurocomputing, 2015, 151, 151-160.	5.9	6
130	Quasi-stationary state transportation of a hose with quadrotors. Robotics and Autonomous Systems, 2015, 63, 187-194.	5.1	27
131	Training Multiagent Systems by Q-Learning: Approaches and Empirical Results. Computational Intelligence, 2015, 31, 498-512.	3.2	6
132	An active learning approach for stroke lesion segmentation on multimodal MRI data. Neurocomputing, 2015, 150, 26-36.	5.9	26
133	Spatially regularized semisupervised Ensembles of Extreme Learning Machines for hyperspectral image segmentation. Neurocomputing, 2015, 149, 373-386.	5.9	33
134	Robust Control Tuning by PSO of Aerial Robots Hose Transportation. Lecture Notes in Computer Science, 2015, , 291-300.	1.3	8
135	Neural Modeling of Hose Dynamics to Speedup Reinforcement Learning Experiments. Lecture Notes in Computer Science, 2015, , 311-319.	1.3	1
136	Blurred Labeling Segmentation Algorithm for Hyperspectral Images. Lecture Notes in Computer Science, 2015, , 578-587.	1.3	0
137	Reinforcement Learning in Single Robot Hose Transport Task: A Physical Proof of Concept. Advances in Intelligent Systems and Computing, 2015, , 297-306.	0.6	0
138	Graph-Based Learning on Sparse Data for Recommendation Systems in Social Networks. Lecture Notes in Computer Science, 2015, , 61-68.	1.3	1
139	Experiments of Skin Detection in Hyperspectral Images. Lecture Notes in Computer Science, 2015, , 184-192.	1.3	0
140	Multi-agent Reinforcement Learning for Control Systems: Challenges and Proposals. Lecture Notes in Computer Science, 2015, , 18-25.	1.3	0
141	An Instance of Social Intelligence in the Internet of Things: Bread Making Recipe Recommendation by ELM Regression. Lecture Notes in Computer Science, 2015, , 16-25.	1.3	0
142	Energy demands of diverse spiking cells from the neocortex, hippocampus, and thalamus. Frontiers in Computational Neuroscience, 2014, 8, 41.	2.1	24
143	Recipe tuning by reinforcement learning in the SandS ecosystem. , 2014, , .		1
144	On the Effect of High Order Reputation Information on Trust Prediction in Wikipedia's Vote Network. , 2014, , .		1

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145	A Domestic Application of Intelligent Social Computing: The SandS Project. Advances in Intelligent Systems and Computing, 2014, , 221-228.	0.6	5
146	Hybrid Sparse Linear and Lattice Method for Hyperspectral Image Unmixing. Lecture Notes in Computer Science, 2014, , 266-273.	1.3	2
147	Prognostic value of changes in restingâ€state functional connectivity patterns in cognitive recovery after stroke: A 3T fMRI pilot study. Human Brain Mapping, 2014, 35, 3819-3831.	3.6	53
148	Extreme learning machines for soybean classification in remote sensing hyperspectral images. Neurocomputing, 2014, 128, 207-216.	5.9	81
149	Data fusion for high spatial resolution LAI estimation. Information Fusion, 2014, 16, 59-67.	19.1	10
150	Reinforcement learning of ball screw feed drive controllers. Engineering Applications of Artificial Intelligence, 2014, 30, 107-117.	8.1	23
151	Design and Development of a Mobile Cardiac Rehabilitation System. Cybernetics and Systems, 2014, 45, 92-108.	2.5	1
152	Decisional DNA for modeling and reuse of experiential clinical assessments in breast cancer diagnosis and treatment. Neurocomputing, 2014, 146, 308-318.	5.9	11
153	Random forest active learning for AAA thrombus segmentation in computed tomography angiography images. Neurocomputing, 2014, 126, 71-77.	5.9	41
154	Hybrid extreme rotation forest. Neural Networks, 2014, 52, 33-42.	5.9	30
155	Evolutionary ELM wrapper feature selection for Alzheimer's disease CAD on anatomical brain MRI. Neurocomputing, 2014, 128, 73-80.	5.9	72
156	An empirical evaluation of Gravitational Swarm Intelligence for graph coloring algorithm. Neurocomputing, 2014, 132, 79-84.	5.9	8
157	A survey of multiple classifier systems as hybrid systems. Information Fusion, 2014, 16, 3-17.	19.1	778
158	Sparse unmixing via WM algorithm for hyperspectral images. , 2014, , .		0
159	Educational Innovation Project in the Field of Industrial Informatics. Procedia, Social and Behavioral Sciences, 2014, 141, 20-24.	0.5	2
160	Retrospective Vision of a Long Term Innovative Experience. Procedia, Social and Behavioral Sciences, 2014, 141, 15-19.	0.5	2
161	Effect of Initial Conditioning of Reinforcement Learning Agents on Feedback Control Tasks over Continuous State and Action Spaces. Advances in Intelligent Systems and Computing, 2014, , 125-133.	0.6	3
162	Structural Integrity of the Contralesional Hemisphere Predicts Cognitive Impairment in Ischemic Stroke at Three Months. PLoS ONE, 2014, 9, e86119.	2.5	50

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163	Computer Aided Diagnosis of Schizophrenia Based on Local-Activity Measures of Resting-State fMRI. Lecture Notes in Computer Science, 2014, , 1-12.	1.3	1
164	Experiments on Trust Prediction Based on Reputation Features. Advances in Intelligent Systems and Computing, 2014, , 367-374.	0.6	0
165	Specification of Extended Reflexive Ontologies in the context of CDSS. Studies in Health Technology and Informatics, 2014, 207, 234-43.	0.3	1
166	Hygehos Home: an innovative remote follow-up system for chronic patients. Studies in Health Technology and Informatics, 2014, 207, 261-70.	0.3	1
167	Extreme Learning Machines for Feature Selection and Classification of Cocaine Dependent Patients on Structural MRI Data. Neural Processing Letters, 2013, 38, 375-387.	3.2	27
168	Deformation based feature selection for Computer Aided Diagnosis of Alzheimer's Disease. Expert Systems With Applications, 2013, 40, 1619-1628.	7.6	32
169	Tuning of Adaptive Weight Depth Map Generation Algorithms. Journal of Mathematical Imaging and Vision, 2013, 47, 3-12.	1.3	2
170	Transfer learning with Partially Constrained Models: Application to reinforcement learning of linked multicomponent robot system control. Robotics and Autonomous Systems, 2013, 61, 694-703.	5.1	19
171	Further results on dissimilarity spaces for hyperspectral images RF-CBIR. Pattern Recognition Letters, 2013, 34, 1659-1668.	4.2	4
172	Instances of subconscious social intelligent computing. , 2013, , .		5
173	Convergence results on the stable states of a Gravitational Swarm solving the Graph Coloring Problem. , 2013, , .		0
174	Learning parsimonious dendritic classifiers. Neurocomputing, 2013, 109, 3-8.	5.9	2
175	Fusion of lattice independent and linear features improving face identification. Neurocomputing, 2013, 114, 80-85.	5.9	6
176	Special issue on "Innovative knowledge based techniques in pattern recognition" Pattern Recognition Letters, 2013, 34, 1567-1568.	4.2	0
177	Lattice independent component analysis feature selection on diffusion weighted imaging for Alzheimer's disease classification. Neurocomputing, 2013, 114, 132-141.	5.9	14
178	Undesired state-action prediction in multi-agent reinforcement learning for linked multi-component robotic system control. Information Sciences, 2013, 232, 309-324.	6.9	12
179	Bridging challenges of clinical decision support systems with a semantic approach. A case study on breast cancer. Pattern Recognition Letters, 2013, 34, 1758-1768.	4.2	25
180	AN EMPIRICAL EVALUATION OF INTEREST POINT DETECTORS. Cybernetics and Systems, 2013, 44, 98-117.	2.5	3

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181	CURRENT RESEARCH ADVANCES AND IMPLEMENTATIONS IN SMART KNOWLEDGE-BASED SYSTEMS: PART II. Cybernetics and Systems, 2013, 44, 184-186.	2.5	0
182	Applications of Hybrid Extreme Rotation Forests for image segmentation. International Journal of Hybrid Intelligent Systems, 2013, 11, 13-24.	1.2	4
183	STATE-ACTION VALUE FUNCTION MODELED BY ELM IN REINFORCEMENT LEARNING FOR HOSE CONTROL PROBLEMS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2013, 21, 99-116.	1.9	15
184	SWARM GRAPH COLORING FOR THE IDENTIFICATION OF USER GROUPS ON ERP LOGS. Cybernetics and Systems, 2013, 44, 489-504.	2.5	6
185	Trust models and applications in communication and multi-agent systems. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2013, 17, 187-193.	1.0	0
186	CURRENT RESEARCH ADVANCES AND IMPLEMENTATIONS IN SMART KNOWLEDGE-BASED SYSTEMS: PART I. Cybernetics and Systems, 2013, 44, 95-97.	2.5	5
187	Greedy Sparsification WM Algorithm for Endmember Induction in Hyperspectral Images. Lecture Notes in Computer Science, 2013, , 336-344.	1.3	1
188	IMPACT OF REFLEXIVE ONTOLOGIES IN SEMANTIC CLINICAL DECISION SUPPORT SYSTEMS. Cybernetics and Systems, 2013, 44, 187-203.	2.5	9
189	Meta-ensembles of Classifiers for Alzheimerâ€™s Disease Detection Using Independent ROI Features. Lecture Notes in Computer Science, 2013, , 122-130.	1.3	4
190	A Neural Network Approximation of L-MCRS Dynamics for Reinforcement Learning Experiments. Lecture Notes in Computer Science, 2013, , 317-325.	1.3	5
191	An Ensemble of Classifiers Guided by the AAL Brain Atlas for Alzheimerâ€™s Disease Detection. Lecture Notes in Computer Science, 2013, , 107-114.	1.3	5
192	A Discussion on Trust Requirements for a Social Network of Eahoukers. Lecture Notes in Computer Science, 2013, , 540-547.	1.3	5
193	A Robust Color Watershed Transformation and Image Segmentation Defined on RGB Spherical Coordinates. , 2013, , 112-128.		0
194	Cocaine Dependent Classification on MRI Data Extracting Features from Voxel Based Morphometry. Lecture Notes in Computer Science, 2013, , 140-148.	1.3	0
195	Diagnosis of Bipolar Disorder Based on Principal Component Analysis and SVM. Advances in Intelligent Systems and Computing, 2013, , 569-578.	0.6	0
196	Enhancing Active Learning Computed Tomography Image Segmentation with Domain Knowledge. Lecture Notes in Computer Science, 2013, , 491-499.	1.3	0
197	Results on a Lattice Computing Based Group Analysis of Schizophrenic Patients on Resting State fMRI. Lecture Notes in Computer Science, 2013, , 131-139.	1.3	4
198	Discrimination of Resting-State fMRI for Schizophrenia Patients with Lattice Computing Based Features. Lecture Notes in Computer Science, 2013, , 482-490.	1.3	1

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